

772

**PRELIMINARY ASSESSMENT COVER SHEET  
STEPHENS DRUM STORAGE AREA  
GAD981471709**

**I. HISTORY OF SITE**

The Stephens Drum Storage Area is located near Lake Blackshear in Sumter County, approximately 2.0 miles east of Cobb Georgia 31735. The property where hazardous wastes were stored is a pecan grove and is owned by Mr. Ed Stephens of Cobb County, Georgia. The owner purchased approximately one hundred and twenty-five 55 gallon drums of wastes (paints wastes) from Warner Robins Air Force Base (TSD facility) at an auction two or three years ago (1983 or 1984). A site investigation was conducted by the Georgia EPD on January 29, 1986.

**II. NATURE OF HAZARDOUS MATERIALS**

A composite sample from 3 of the drums was collected and laboratory analyses revealed that the sample contained toluene, ethyl benzene, xylenes, methyl ethyl ketone, methyl isobutyl ketone and butyl acetate. Many of the drums were observed during the site investigation to be leaking slightly.

**III. DESCRIPTION OF HAZARDOUS CONDITIONS, INCIDENTS, PERMIT VIOLATIONS**

One hundred and twenty-five (55 gallon) drums were stored in an open area and were found to contain hazardous constituents.

**IV. ROUTES FOR CONTAMINATION**

Wastes could have left the site via infiltration into the soil and surface water run-off.

**V. POSSIBLE AFFECTED POPULATION AND RESOURCES**

The population distribution within one, two and three mile radii of the site is 403, 1,079 and 2,257 respectively.

**VI. RECOMMENDATIONS AND JUSTIFICATIONS**

This site is assessed a "None" priority for a Site Inspection because on September 25-27, 1986, the Environmental Protection Agency performed a removal of all drums, wastes and residual contamination.

**VII. REFERENCE TO SUPPORTING DATA SOURCES**

1. Complaint Record, 1/24/86.
2. Georgia EPD Trip Report, 1/29/86.
3. Georgia EPD Laboratory Report, 4/1/86.
4. Telephone Memorandum, 2/5/86.
5. Record of Telephonic Conversation, 10/17/86.
6. Site Inspection Fact Sheet, 3/14/86.
7. Memorandum, 2/21/86, RE: Ownership and Laboratory Analysis.

GAKmcw020

File - Stephens Drum Storage Area (GAD981471709)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION  
01 STATE 02 SITE NUMBER  
GA D981471709

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Stephens Drum Storage Area		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER Lake Blackshear				
03 CITY Cobb		04 STATE GA	05 ZIP CODE 31735	06 COUNTY Sumter	07 COUNTY CODE 261	08 CONG DIST 03
09 COORDINATES LATITUDE 31° 57' 12.5"		LONGITUDE 083° 56' 22.5"				
10 DIRECTIONS TO SITE (Starting from nearest public road) The drum storage area is located 2.0 miles east of the city of Cobb.						

III. RESPONSIBLE PARTIES

01 OWNER (if known) Mr. Ed Stephens		02 STREET (Business, mailing, residential) Lake Blackshear				
03 CITY Cobb		04 STATE GA	05 ZIP CODE 31735	06 TELEPHONE NUMBER (912) 853-3205		
07 OPERATOR (if known and different from owner) Same as above		08 STREET (Business, mailing, residential)				
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN						
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE						

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 01 / 29 / 86 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____				
02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION 1984 1986 <input type="checkbox"/> UNKNOWN BEGINNING YEAR ENDING YEAR				
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Paint Wastes/thinners (toluene, ethyl benzene, xylenes, methylethyl ketone, methyl isobutyl ketone, butyl acetate).						
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION None - all wastes, drums and contamination reviewed by EPA on 9-25-86						

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A. HIGH (inspection required promptly) <input type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Jim Ussery		02 OF (Agency, Organization) Hazardous Waste Management Pro.		03 TELEPHONE NUMBER 404 656-7802	
04 PERSON RESPONSIBLE FOR ASSESSMENT Gilda A. Knowles G.A.K.		05 AGENCY DNR-EPD	06 ORGANIZATION SAU	07 TELEPHONE NUMBER 404 656-7404	08 DATE 10 / 17 / 86 MONTH DAY YEAR

*Mike Allen*



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
GA D98141709

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ B. SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ C. CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ E. DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ F. CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_  
(Acres)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ G. DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ H. WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I. POPULATION EXPOSURE/INJURY

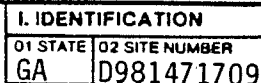
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



<input checked="" type="checkbox"/> A. TOXIC	<input type="checkbox"/> E. SOLUBLE	<input type="checkbox"/> I. HIGHLY VOLATILE
<input type="checkbox"/> B. CORROSIVE	<input checked="" type="checkbox"/> F. INFECTIOUS	<input type="checkbox"/> J. EXPLOSIVE
<input type="checkbox"/> C. RADIOACTIVE	<input checked="" type="checkbox"/> G. FLAMMABLE	<input type="checkbox"/> K. REACTIVE
<input type="checkbox"/> D. PERSISTENT	<input type="checkbox"/> H. IGNITABLE	<input type="checkbox"/> L. INCOMPATIBLE
		<input type="checkbox"/> M. NOT APPLICABLE

## EPA FORM 2070-12 (7-81)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

GA

D981471709

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WW/TPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

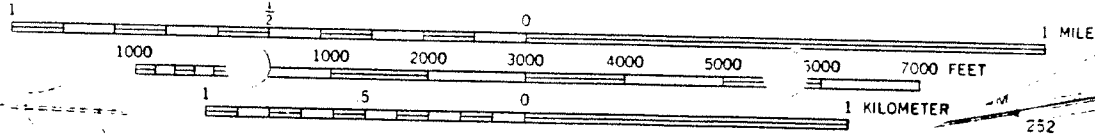
05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 1 mi = 403; 2 mi = 1,079; 3 mi = 2,257

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., State files, sample analysis reports)

GA-EPD State Files - Stevens Drum Storage Area  
Cobb, Georgia



U.S. HWY 280

LAKE  
BLACKSHEAR  
GROCERY

COAST  
LINE

SEABOARD

SITE

L  
A  
K  
E

ELEVATION 236

B  
L  
A  
C  
K  
S  
H

STEPHENS DRUM STORAGE AREA  
GAD 981471709

DIRT COUNTY ROAD

St. Julex Chapel

ROAD CLASSIFICATION

- |                                 |   |
|---------------------------------|---|
| Primary highway, hard surface   | Light-duty road, hard or improved surface |
| Secondary highway, hard surface | Unimproved road                           |
| Interstate Route                | U. S. Route                               |
|                                 | State Route                               |



QUADRANGLE LOCATION

COBB, GA.  
N3152.5-W8352.5/7.5

1977

AMS 4247 IV NW—SERIES VA.

ENVIRONMENTAL PROTECTION DIVISION  
INDUSTRIAL & HAZARDOUS WASTE MANAGEMENT PROGRAM  
Complaint Record

Received By MIKE ALLRED

Log Number \_\_\_\_\_

Date Received 1-24-86

Duty Officer R. METHIER <sup>REFERRED BY</sup>

Date Referred 1-24-86

Complainant: Name ROBERT HALE SW REG OFFICE - 341-4144  
BILL MCCLUG - WARDEN

Address SUMTER CO PRISON, AMERICUS

Phone No. 924-6066, 924-1826 Area Code 912

Alleged Source: Name UNKNOWN

Address \_\_\_\_\_

County \_\_\_\_\_

If Available: EPA I.D. No. \_\_\_\_\_ Seq. No. \_\_\_\_\_

Location Directions FROM AMERICUS GO EAST ON HWY 280 TO  
DINKINS STORE. TURN RIGHT SOUTH & GO 50-60 YDS.  
CROSS RR TRACKS; MAKE IMMED LEFT- GO STRAIGHT TO  
LARGE GREENHOUSE. DRUMS SHOULD BE VISIBLE FROM  
GREENHOUSE.

Details of Complaint

100 DRUMS IN PECAN GROVE  
SOME LEAKING - NO IMMED THREAT/TARGETS  
NO WATER WELLS NEARBY & NO RESIDENCES  
DRUMS MAY CONTAIN PAINT THINNER/SLUDGE.  
HAVE BEEN ON SITE FOR SOME TIME.  
ROBERT HALE OF ALBANY REGION/EPD REFERRED  
COMPLAINT. REFERRED TO RAN BY R. METHIER.  
LAND OWNED BY ED STEVES - NO OTHER INFO AVAIL.

Details Of Investigation Should Be Sent To: \_\_\_\_\_

Complainant ☒ Other \_\_\_\_\_

File: Original & 1st copy to Investigating Unit  
2nd copy - Complaint Log

RIVER  
BOUNDARY

COAST

St. John's  
Chapel

SEABOARD

County Rd.

APPROXIMATE LOCATION

US HWY 280

lake  
+ Backspan  
Greeny

Pleasant Grove  
Ch

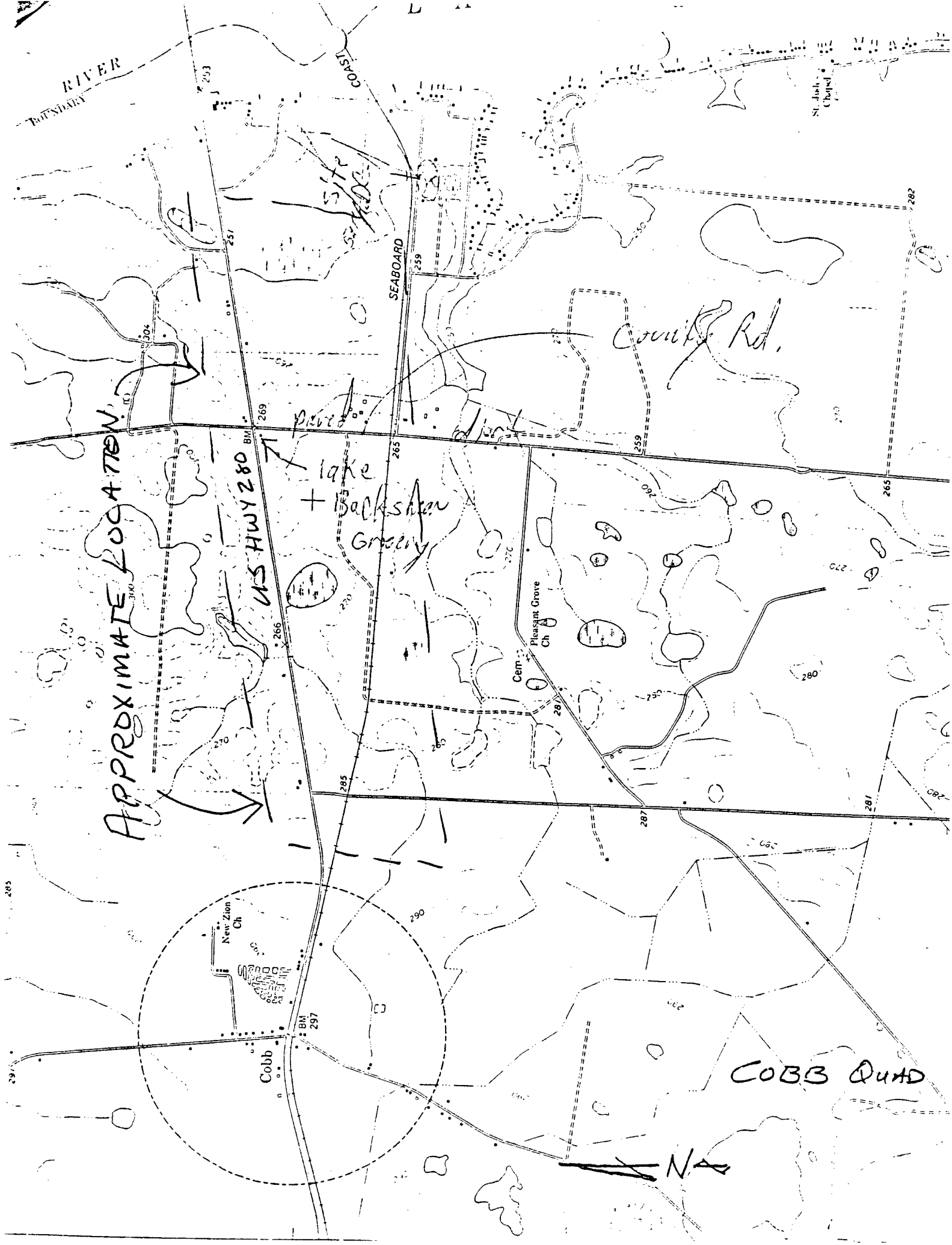
Cem.

New Zion  
Ch

Cobb

COBB QUAD

NA





# Georgia Department of Natural Resources

270 Washington Street, S.W., Room 825, Atlanta, Georgia 30334

J. Leonard Ledbetter, Commissioner

Harold F. Reheis, Assistant Director

Environmental Protection Division

## TRIP REPORT February 11, 1986

Site Name and Location:.....Stephens Drum Storage Area  
2 miles east of Cobb, Sumter County, GA

Trip By:.....Steve Walker  
Environmental Specialist  
Remedial Action Unit

Accompanied By:.....Tom Westbrook  
Environmental Specialist  
Remedial Action Unit

Date of Trip:.....January 29, 1986

Officials Contacted:.....None

Exemption 6 Personal Privacy

### Reference:

Complaint received from Robert Hale of SW Region Office on January 24, 1986. Complaint alleged 100 drums of paint thinner were present in a pecan grove.

### Comments:

We arrived at "The Plant Place", a greenhouse about 2 miles east of Cobb, Georgia, at 16:30 hours. Approximately 125 fifty-five gallon drums were visible in a pecan grove adjacent to the greenhouse. Most of the drums possessed a "Hazardous Materials" label. We entered the greenhouse in an attempt to locate the owner. [REDACTED] a worker at the greenhouse, stated that the owner, Mr. Ed Stephens of Cobb, GA (912)853-3205) was not there. [REDACTED] did not know the origin of the drums, only that Mr. Stephens used them to "start fires".

Mr. Westbrook and I then proceeded to the drum storage area (Figure 2). We counted the drums and observed that at least 75% of the drums were full or almost full. Most of the drums contained "Hazardous Materials" labels with the name "Robins Air Force Base" and the number "GA1570024330". Many drums contained flammable labels which had been partially covered with yellow spray paint and some of the drums had originally been labeled "toluene" and "methyl ethyl ketone". Most of the drums had been numbered by hand with spray paint.

We selected 3 drums which did not appear to be under pressure (bulging) and opened them with a brass bung wrench. A composite sample was collected from the drums using a glass rod. The 3 drums were closed and marked with florescent pink spray paint. We were off-site by 17:00 hours.

On February 5, 1986, I contacted Mr. Stephens by telephone. He expressed his displeasure at my having entered his property without his knowledge.

psd

He stated that he purchased the drums 2 or 3 years ago from Warner Robins Air Force Base at an auction. At that time, he was under the impression that the drums contained used paint thinner and he had planned to use the paint thinner to burn in his greenhouse furnace. After purchasing the drums and moving them to his site, he found that most contained paint sludge and were therefore unusable as fuel. Mr. Stephens stated that, in all he had burned the contents of about 8 drums containing waste oil and paint thinner. He agreed to leave the drums undisturbed until further notice.

#### Conclusions:

The drums appeared to have been on site for more than 6 months. Many of the drums are leaking. A solvent odor was present in the drum area. Further conclusions must await lab results.

#### Recommendations and Follow-up Required:

If lab results indicate that hazardous materials are present in the drums, notify the owner and request proper disposal.

#### Attachments:

1. Site Location Map
2. Site Sketch Map
3. Telephone Memorandum
4. Fact Sheet

Photographs: 2 Polaroids

Reviewed By: *Joseph J. Surawicz*

CSW/mcw021

cc: Lucy Justus  
Robert Hale

File - Stephens Drum Storage Area

Storage Area

Lat. 31 57' 12.5"  
Long. 83 56' 22.5"

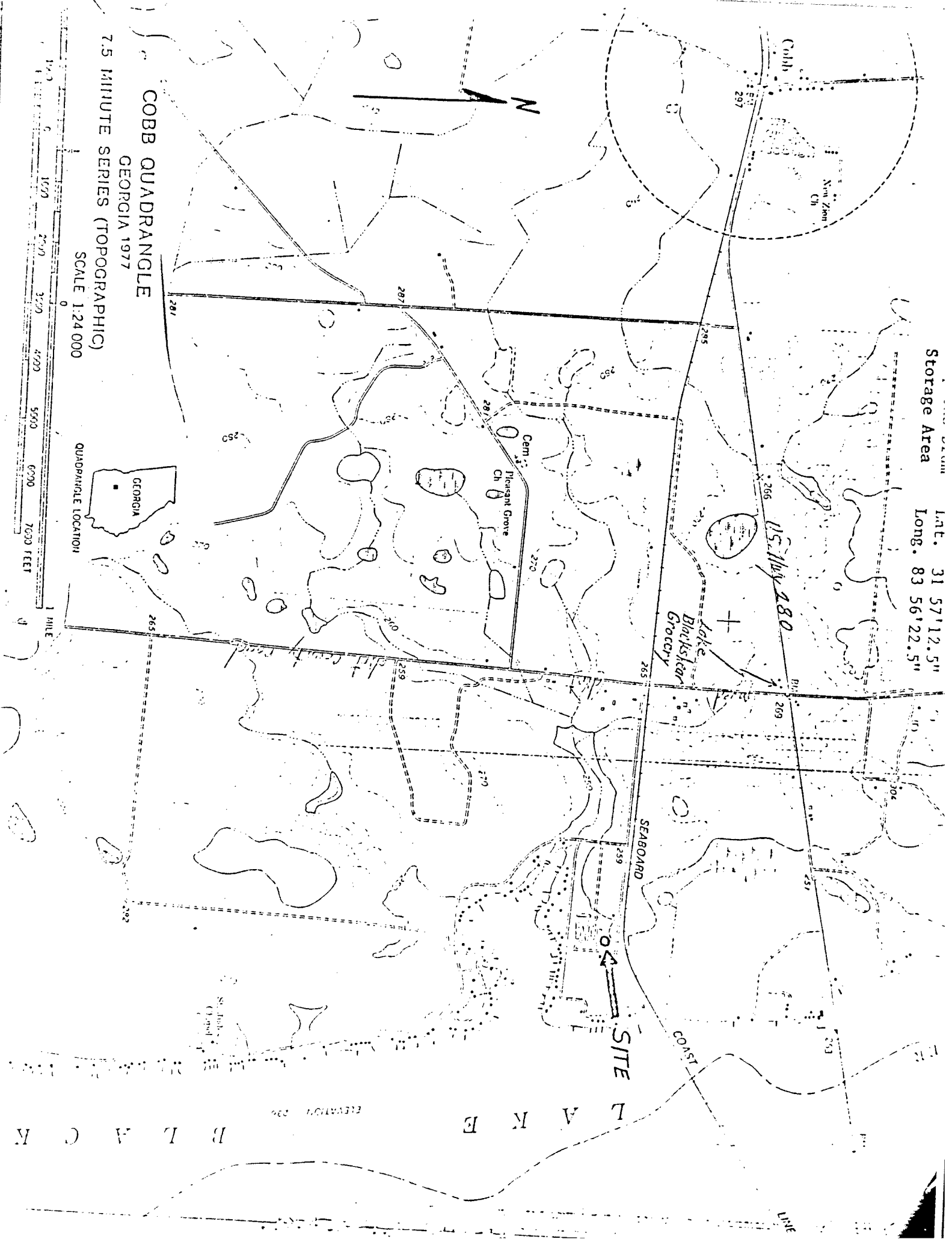
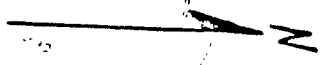
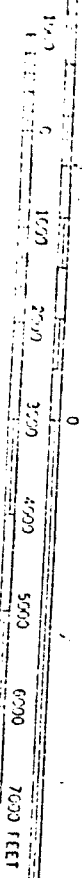
# COBB QUADRANGLE

GEORGIA 1977

7.5 MINUTE SERIES (TOPOGRAPHIC)

SCALE 1:24 000

QUADRANGLE LOCATION



B L A C K

L A K E

ELEVATION 230



1

SITE NAME Stephens Drain Storage  
 Picture No. 1 of 4  
 County Name Sumter  
 Date 1/19/86 Weather cool, cldy  
 Direction Facing E  
 Photographer Walker  
 Program Site Assessment Team  
 Explanation approx 175 drums  
in pearson grove adjacent to  
"The Plant Place" Greenhouse  
 Other Township of Cobb Co.  
is 2 miles west of the site



2

SITE NAME Stephens Drain Storage Area  
 Picture No. 2 of 4  
 County Name Sumter  
 Date 1/19/86 Weather cool, cldy  
 Direction Facing N  
 Photographer Walker  
 Program S. A. Team  
 Explanation Labels on drums  
"Methyl Ethyl Ketone" and  
"Paint Slush" and "Flammable"  
 Other \_\_\_\_\_



3

SITE NAME Stephens Drum Storage  
 Picture No. 3 of 4  
 County Name Sumter  
 Date 1/24/86 Weather -  
 Direction Facing -  
 Photographer Walker  
 Program Site Assessment Team  
 Explanation "Hazardous Material"  
Label - Reads -  
Robins Air Force Base  
 Other CA 157 CO 24 330



4

SITE NAME Stephens Drum Storage  
 Picture No. 4 of 4  
 County Name Sumter  
 Date 1/24/86 Weather -  
 Direction Facing -  
 Photographer Walker  
 Program S. A. Team  
 Explanation label Methyl Ethyl  
ketone painted over yellow  
paint. Paint Slush Label over  
 Other yellow paint

LAND PROTECTION BRANCH  
HAZARDOUS WASTE ANALYSIS REQUEST

DATE: 1/20/86 PROJECT: Stevens Drum Storage Area COLLECTOR: Walker  
NO. SAMPLES: 1 LOG NOS. 1725 LIQUID (1) SOLID \_\_\_\_\_ SOIL \_\_\_\_\_  
CAUSTIC \_\_\_\_\_ ACID \_\_\_\_\_ SOLVENT \_\_\_\_\_ UNKNOWN \_\_\_\_\_ SLUDGE \_\_\_\_\_

INFORMATION FOUND: Sample consists of a composite of liquid wastes from 3 drums, unknown contents, suspected solvents.

HAZARDOUS WASTE NOS. \_\_\_\_\_

HAZARDOUS HANDLING: \_\_\_\_\_

WORK PRIORITY (CRITICAL NEED) Normal workload

METALS ANALYSES

METALS (DW NO Hg)	TOT <input type="checkbox"/> DIS <input type="checkbox"/>	EP METALS (DW NO Hg) <input checked="" type="checkbox"/>	100X <input type="checkbox"/> 30X <input type="checkbox"/>
METALS (DW WITH Hg)	TOT <input type="checkbox"/> DIS <input type="checkbox"/>	EP METALS (DW WITH Hg)	

NICKEL	TOT <input type="checkbox"/> DIS <input type="checkbox"/>	CADMIUM	TOT <input type="checkbox"/> DIS <input type="checkbox"/>	EP NICKEL	<input type="checkbox"/>	EP CADMIUM	<input type="checkbox"/>
ARSENIC	<input type="checkbox"/> <input type="checkbox"/>	LEAD	<input type="checkbox"/> <input type="checkbox"/>	EP ARSENIC	<input type="checkbox"/>	EP LEAD	<input type="checkbox"/>
CHROMIUM	<input type="checkbox"/> <input type="checkbox"/>	MERCURY	<input type="checkbox"/> <input type="checkbox"/>	EP CHROMIUM	<input type="checkbox"/>	EP MERCURY	<input type="checkbox"/>
CHROM-HEX	<input type="checkbox"/> <input type="checkbox"/>	SELENIUM	<input type="checkbox"/> <input type="checkbox"/>	EP CHROM-HEX	<input type="checkbox"/>	EP SELENIUM	<input type="checkbox"/>
	<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

SPECIFIC ANALYSES

pH	<input type="checkbox"/>	SULFIDE	<input type="checkbox"/>	% SOLIDS	<input type="checkbox"/>		<input type="checkbox"/>
FLASH PT	<input checked="" type="checkbox"/>	SP.COND.	<input type="checkbox"/>	TOT. PHENOLS	<input type="checkbox"/>		<input type="checkbox"/>
CYANIDE TOT.	<input type="checkbox"/>	TOC	<input type="checkbox"/>	CHLORIDE	<input type="checkbox"/>		<input type="checkbox"/>
CYANIDE AM.	<input type="checkbox"/>	TOH	<input type="checkbox"/>	FLUORIDE	<input type="checkbox"/>		<input type="checkbox"/>

ORGANIC ANALYSES

PESTICIDE SCREEN (EC)	<input type="checkbox"/>	GC-MS ACID EXTRACTABLES	<input type="checkbox"/>
PCB	<input type="checkbox"/>	GC-MS BASE/NEUTRALS	<input type="checkbox"/>
VOLATILE ORGANICS (VOA)	<input checked="" type="checkbox"/>		

SPECIFIC ORGANICS: Toluene, Methyl Ethyl Ketone, 1,2,4-trichlorobenzene in the vicinity.

APR 2 1986

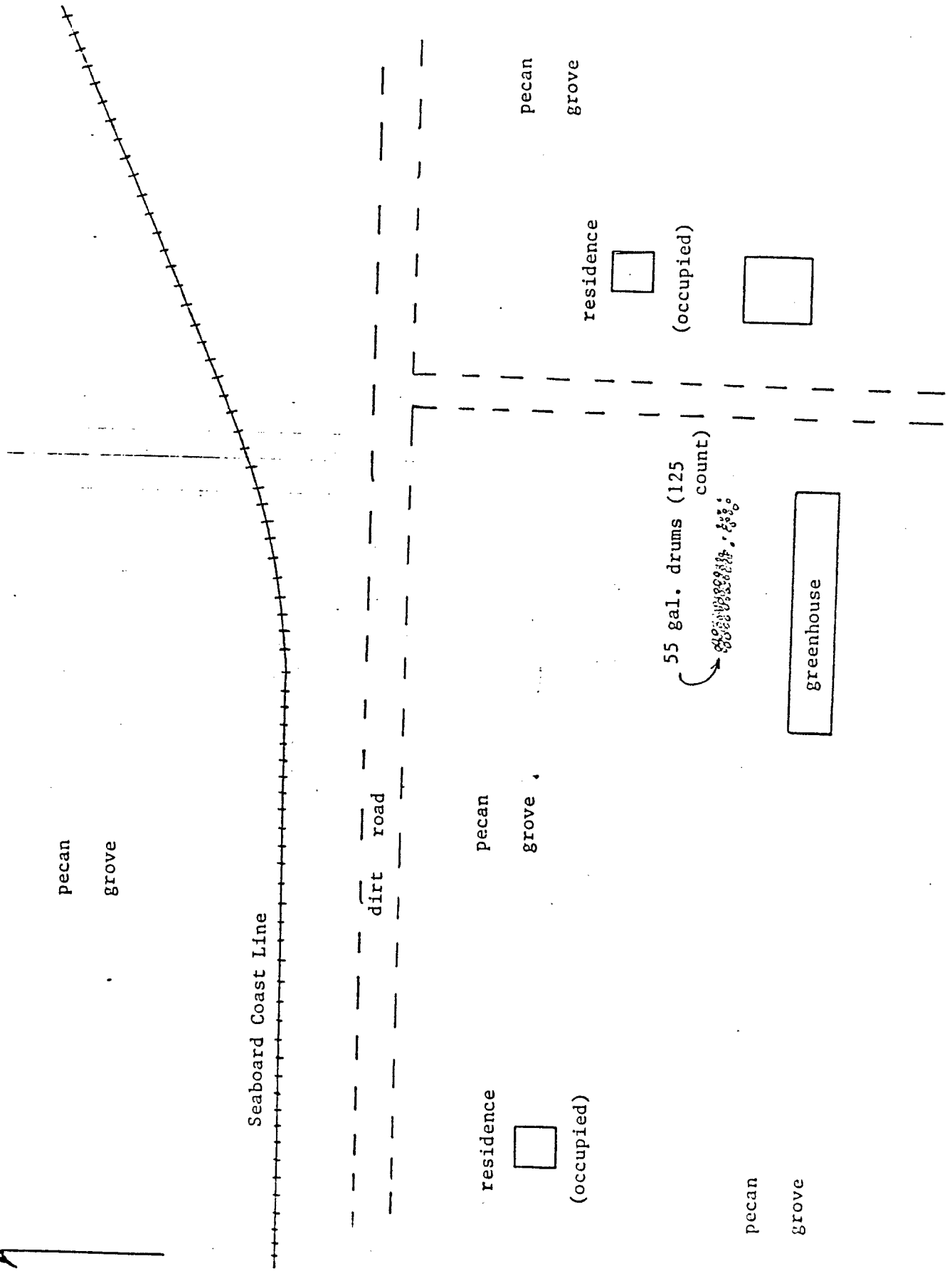
REMEDIAL ACTIONS UNIT

APPROVED: SFM

AUTHORIZED: \_\_\_\_\_



Figure 2: Site Sketch Map - Stephens Drum Storage Area





TELEPHONE MEMORANDUM

FROM: Steve Walker - Ga. EPD (404) 656-7404  
 TO: Mr. Ed Stephens - Site owner (912) 853-3205  
 SITE: Stephens Drum Storage Area  
 DATE: 2/5/86 TIME: 10:50 a.m.

COMMENTS: I called Mr. Stephens to try and obtain add'l info. on the nature & origin of the drums. Mr. Stephens st  
that he was quite upset with me for going on his property  
and sampling the drums (on 1/29/86) without his permission.  
I explained that we tried to locate him at the greenhouse adjacent  
to the site. Mr. Stephens stated that he bought the  
drums at an auction <sup>from</sup> Warner Robbins air base about 2 or  
3 years ago. The drums were supposed to contain paint thinner.  
After he had purchased the drums, most were found to  
contain paint sludge. He was therefore unable to burn the  
contents as he intended - to heat the greenhouse adjacent  
to the site. I agreed to keep him informed of the lab data on the  
Mr. Ed Stephens  
Cobb, Georgia 31735

ACTION REQUIRED: \_\_\_\_\_

Steve Walker  
2/5/86

CC: 1) \_\_\_\_\_  
 2) \_\_\_\_\_  
 3) \_\_\_\_\_  
 4) \_\_\_\_\_  
 5) \_\_\_\_\_

RECORD OF TELEPHONIC CONVERSATION

Site Investigation Program

Routing: Mike Allred Mike Allred

Date: October 17, 1986

File: Stephens Drum Storage Area

Time: 3:10 a.m./p.m.

Party Spoken To: Jim Ussery

Title: Environmental Specu

Agency/Company: Ga. EPD

Address: Twin Towers

City: Atlanta

Telephone Number: (404) 656-7802

State/Zip: Ga.

Subject (file name): Stephens Drum Storage Area

Summary of Call: I spoke with Jim Ussery and he stated the following: that the above drum storage area had been cleaned-up (drums removed) by EPA, but that he did not know the exact date; that Mr. Stephens had owned the property and lived in the area for the past 20 yrs.

Actions Required: Call Kelly Mc Carty - On Scene Coordinator for Emergency Response Unit of EPA (404) 347-3931 [inquire about clean-up]

Signature: Hilda A. Knowles

Follow-up Responses/Additional Comments: Ms. Mc Carty informed me that EPA began clean-up of the Stephens Site on September 25, 1986 and that total clean-up of the site was completed on September 27, 1986.

Signature: Hilda A. Knowles

Date: October 17, 1986

SITE INSPECTION  
FACT SHEET

DATE: March 14, 1986

SITE NAME: Stephens Drum Storage Area

PERSON COMPLETING FORM: Steve Walker *SW*

REVIEWED BY: *Mike Allred*

BACKGROUND: The site consists of 125 fifty-five gallon drums stored in the open, in a pecan grove west of Cordele, GA. The owner, Mr. Ed Stephens of Cobb, Georgia, claims to have purchased the waste from Warner Robins Air Force Base approximately 2 years ago. Few of the drums appeared to be leaking when EPD personnel inspected the site on 1/29/86.

PARTIES ASSOCIATED WITH THE INSPECTION:

1. Names of Responsible Party/Owner: Mr. Ed Stephens  
Cobb, GA 31735
2. Federal (EPA) and State (EPD) Officials:  
EPD Contact: Ms. Lucy Justus Phone #: 656-6905 (until 3/21/86)  
EPA Contact: 656-0772 (after 3/21/86)  
Phone #:
3. Names of Contractors: None
4. Names of Transporters: None
5. Name(s) of Disposal Site(s): Stephens Drum Storage area

WASTES INFORMATION

1. List of Waste(s) including names and types:  
Paint wastes containing:

toluene	103,000 mg/kg
ethyl benzene	1,200 mg/kg
total xylenes	16,000 mg/kg
MEK	53,000 mg/kg
(methyl ethyl ketone)	
MIK	4,800 mg/kg
(methyl isobutyl ketone)	
butyl acetate	2,300 mg/kg

2. Estimate(s) of Waste Amount(s):  
125 fifty-five gallon drums in various stages of fill.
3. Toxicity Information (as available):  
The volatile solvents identified in the sample are toxic via ingestion, dermal absorption and inhalation.
4. Characteristics (physical description including physical properties under ambient conditions) and Former Usage:  
Three drums were opened and sampled by EPD personnel on 1/29/86. One of the drums contained a liquid and the two other drums contained sludges. Mr. Ed Stephens indicated in a phone conversation that most of the drums contain paint sludges.
5. Anticipated Environmental Pathways of Migration:  
Air route - through slow evaporation. A solvent odor was present on site on 1/29/86. Very small amounts of the wastes have spilled on the ground. It is not thought that the spilled material will present a threat to ground water.
6. Proposed Clean-up Methods and Associated Clean-up Limits (as known):  
None proposed yet.

SCHEDULE OF PROPOSED ACTIVITIES

None scheduled

1. Start Date:
2. Ending Date:
3. Days and Hours of Operation:

4. Long-term Follow-up Activities: **None scheduled yet.**

a. Description - (if necessary)

b. Tentative dates of activities - (List: Action & Date):

REASON FOR REMEDIAL ACTION(S): **None scheduled yet.**

Remedial Action(s) indicated resulting from:

Check One:

☐ Regulatory Violation - Involuntary

☐ Voluntary

☐ Emergency Cleanup

☐ Superfund

Comments/Description:

SITE LOCATION AND ENVIRONMENTAL SETTING

1. City: **Cobb**
2. County: **Sum ter**
3. Address: **c/o Mr. Ed Stephens  
Cobb, Georgia 31735**

4. Environmental Setting : (ie: physical or natural factors affecting contaminant migration):  
The drums are located adjacent to a greenhouse, in a pecan grove about 2 miles east of Cobb, GA. Occupied residences are located within 200 yards east of the drums and within 300 yards west of the drums.
5. Demographic Setting: (ie: rural, urban, etc.)  
The site is located in a rural, sparsely populated portion of Sumter County.

INDICATED SAFETY RESTRICTION OR PRECAUTIONS

1. Environmental Monitoring During Cleanup **Not scheduled yet.**
  - a) Air -
  - b) Water -
  - c) Land -

Narrative (briefly described monitoring procedures indicating what type, how, why, etc.)

2. Monitoring Locations(s): (describe where monitoring will occur and relationship to site)

**Not scheduled yet.**

3. Public Safety Officials(s):  
(name and agency)

4. Waste Handling Activities: **Not yet scheduled.**

How will materials be handled (removed & packaged):

Describe transportation route(s):

Describe decontamination precautions:

5. Site Restrictions: **Not yet planned.**

Delineate area to be restricted during activities relating how delineation can be identified and/or enforced.

Georgia Department of Natural Resources

270 Washington Street, S.W., Room 825, Atlanta, Georgia 303

J. Leonard Ledbetter, Commissio  
Harold F. Reheis, Assistant Direc  
Environmental Protection Divis

February 21, 1986

MEMORANDUM

TO: Jennifer Kaduck  
Program Manager  
Industrial and Hazardous Waste Program

FROM: Joe Surowiec *J.S.*  
Unit Coordinator  
Remedial Action Unit

SUBJ: Stephens Drum Storage Area

Robert Hale of the Southwest Regional Office recently referred a complaint to us concerning a large number of drums. The owner of the property where the drums are stored claims that he purchased the wastes from the Robins Air Force Base "two or three years ago." Because the generator has been identified and because the generator is a TSD, we would like to refer this site to your program for follow-up.

We are awaiting the laboratory results for a composite sample that was taken from three of the drums on the site. We will forward these results to you when they are available.

JTS/mcw014  
File



# Georgia Department of Natural Resource

205 Butler Street, S.E., Floyd Towers East, Atlanta, Georgia 30333

J. Leonard Ledbetter, Commissioner  
Harold F. Reheis, Assistant Director  
Environmental Protection Division  
(404) 656-4711

March 31, 1987

Mr. Richard A. Ferrazzuolo  
Emergency and Remedial Response Branch  
U.S. EPA, Region IV  
345 Courtland Street, N.E.  
Atlanta, Georgia 30365

Dear Mr. Ferrazzuolo:

The following CERCLIS listed sites have been assessed by my staff to determine if they present any potential for hazardous contamination of land, air or water:

<u>EPA ID NO.</u>	<u>SITE NAME</u>	<u>PRIORITY</u>
GAD981472236	Anacomp Inc. Cyanide Storage	Medium
GAD094066859	Colonial Printing Ink Company	Low
GAD980495204	County Farm County Landfill	Low
GAD981017205	Dawson City Landfill	Medium
GAD003333945	Farm and Industrial Chemicals	Low
GAD981025109	Liberty County U.S. 17 Landfill	Low
GAD000823088	Safety-Kleen Corp. 3-013-02	Low
GAD981477458	Simkins Seed Company	Low
GAD981471709	Stephens Drum Storage Area	None
GAD981473374	Terhune Company	Medium
GAD980847545	Walden Drive Old Landfill	Low
GAD980842819	White Fields Site	None
GAD980839666	Woodmine Solid Waste Disposal	Low
GAD980838627	Yerby Dump Site	Medium

The completed 2070-12 (Preliminary Assessment) forms for these sites were hand delivered to your office on March 31, 1987. Please contact me at 656-7404 if you have any questions or comments regarding these assessments.

Sincerely,



Randolph D. Williams  
Program Manager  
Site Investigation Program

RDW:tma054

cc: John D. Taylor  
File - PA Site Submissions



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IV

JUL 12 1990

4WD-WPB

Mr. John Taylor, Chief  
Land Protection Branch  
Georgia Department of Natural Resources  
205 Butler Street, SW  
Atlanta, Georgia 30334

RE: NFRAP GEORGIA SITES

Dear Mr. Taylor:

This is to inform you that the Georgia CERCLIS sites listed below have been assigned No Further Remedial Action Planned (NFRAP) designations. The reason for the designations are the low Preliminary Hazardous Ranking System (HRS) scores calculated for each of the sites.

Please be advised that the NFRAP designations are based on information currently available and conditions and policies that currently exist.


GAD056229917	Evans Transportation Company
GAD040103418	Westinghouse Air Brakes
GAD980495469	Newton County Landfill
GAD980559413	Morgan Falls Landfill
GAD000823088	Safety-Kleen Corporation 3-013-02
GAD981471709	Stephens Drum Storage Area

It is possible that in the future our investigation of a site may be reactivated if new information or policies warrant such an action.

The site investigation on the Morgan Falls Landfill, GAD980559413 is enclosed for your information and files. A listing site evaluation (LSI-E) will be conducted for this site. The LSI-E results will be provided to you when available.

Should you have any questions, please contact me at (404) 347-5065.

Sincerely,

  
Mario E. Villamarzo  
Georgia Project Officer  
Site Assessment Section

**YELLOW**

cc: Phil Blackwell, NUS

# SITE DISCOVERY FORM

Part 1: Information necessary to add a site to CERCLIS

ACTION: A

EPA ID: GAD 98-147-1709

MAY 2 - ERFD

SITE NAME: Stephens Drum Storage Area SOURCE: L (R=EPA, T=ST)

STREET: GA Hwy. 30 CONG DIST: 03 (optional)

CITY: Cobb ZIP: 81735 - 31735

CNTY NAME: Sumter CNTY CODE: 261 (optional)

LATITUDE: 31 / 57 / 12.5 LONGITUDE: 083 / 56 / 22.5 (optional)

INVENTORY IND: Y REMEDIAL IND: Y REMOVAL IND: N FED FAC IND: N

RPM NAME: \_\_\_\_\_ RPM PHONE: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ (EPA Project Offi

SITE DESCRIPTION: (optional)

Site is located approximately 2/3 mile south of a point on GA Hwy. 30  
that is on the western shore of Lake Blackshear. Site has approximately  
125 fifty-five gallon drums of paint sludges, thinners and solvents.

Part 2: Other site information

DATE SITE FIRST

REPORTED: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ REPORTED BY: \_\_\_\_\_

REASON FOR LISTING: Approximately 125 fifty-five gallon drums are stored on-site.

Drums are in various stages of fill and some are leaking. Most drums have either a

"Hazardous Materials" or "Flammable" label on them. The owner of the drums is a

Mr. Ed Stephens, Cobb, GA 31735. There are two occupied residences within 200 feet

of the site; both are believed to be using wells.

The state is taking enforcement action at this site. Please

contact the state before you investigate.

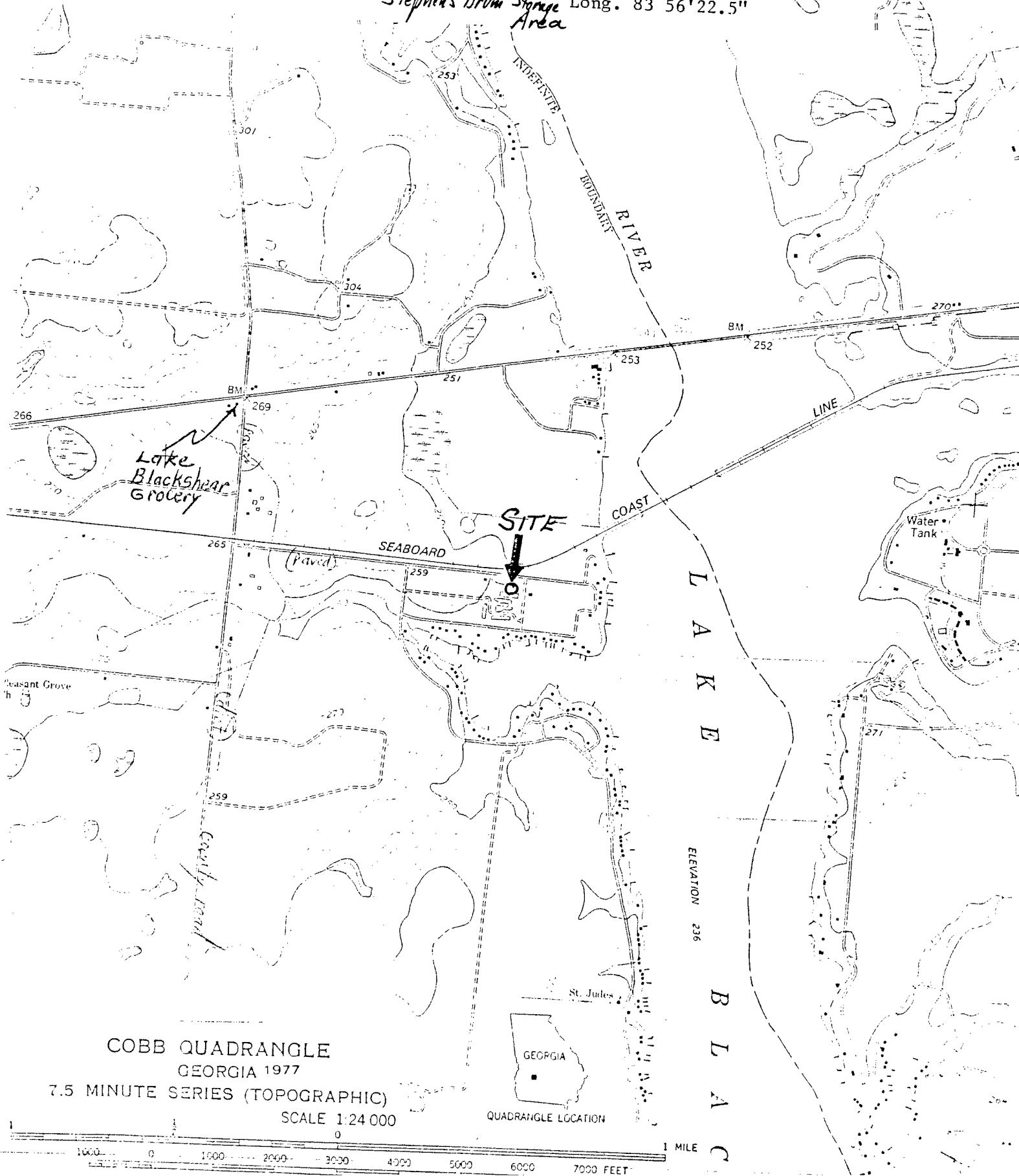
Report to E O S 4-30-86

FLINT

Figure 1: Site Location Map -

*Stephens Drum Storage Area*

Lat. 31 57'12.5"  
Long. 83 56'22.5"



COBB QUADRANGLE  
GEORGIA 1977

7.5 MINUTE SERIES (TOPOGRAPHIC)

SCALE 1:24 000



QUADRANGLE LOCATION

1 MILE

ENVIRONMENTAL PROTECTION DIVISION  
INDUSTRIAL & HAZARDOUS WASTE MANAGEMENT PROGRAM  
Complaint Record

Received By MIKE ALLRED

Log Number \_\_\_\_\_

Date Received 1-24-86

Duty Officer R. METHIER <sup>REFERRED BY</sup>

Date Referred 1-24-86

Complainant: Name ROBERT HALE SW REG OFFICE - 341-4144  
BILL MCCLUG - WARDEN

Address JUNTER CO PRISON, AMERICUS

Phone No. 924-6066, 924-1826 Area Code 912

Alleged Source: Name UNKNOWN

Address \_\_\_\_\_

County \_\_\_\_\_

If Available: EPA I.D. No. \_\_\_\_\_ Seq. No. \_\_\_\_\_

Location Directions FROM AMERICUS GO EAST ON HWY 280 TO  
DINKINS STORE. TURN RIGHT SOUTH & GO 50-60 YDS.  
CROSS RR TRACKS; MAKE IMMED LEFT- GO STRAIGHT TO  
LARGE GREENHOUSE. DRUMS SHOULD BE VISIBLE FROM  
GREENHOUSE.

Details of Complaint

100 DRUMS IN PECAN GROVE  
SOME LEAKING - NO IMMED THREAT/TARGETS  
NO WATER WELLS NEARBY & NO RESIDENCES  
DRUMS MAY CONTAIN PAINT THINNER/SLUDGE.  
HAVE BEEN ON SITE FOR SOME TIME.  
ROBERT HALE OF ALBANY REGION/EDD REFERRED  
COMPLAINT. REFERRED TO RAU BY R. METHIER  
LAND OWNED BY ED STEVES - NO OTHER INFO AVAIL.

Details Of Investigation Should Be Sent To:

Complainant ☒ Other \_\_\_\_\_

File: Original & 1st copy to Investigating Unit  
2nd copy - Complaint Log

Rev: 4-30-86

SITE DISCOVERY FORM

Part 1: Information necessary to add a site to CERCLIS

ACTION: A

EPA ID: \_\_\_\_\_

SITE NAME: Stephens Drum Storage Area SOURCE: L (R=EPA, T=S)

STREET: GA Hwy. 30 CONG DIST: 03 (optional)

CITY: Cobb ZIP: 81735 - \_\_\_\_\_

CNTY NAME: Sumter CNTY CODE: 261 (optional)

LATITUDE: 31 / 57 / 12.5 LONGITUDE: 083 / 56 / 22.5 (optional)

INVENTORY IND: Y REMEDIAL IND: Y REMOVAL IND: N FED FAC IND: N

RPM NAME: \_\_\_\_\_ RPM PHONE: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ (EPA Project Of)

SITE DESCRIPTION: (optional)

Site is located approximately 2/3 mile south of a point on GA Hwy. 30  
that is on the western shore of Lake Blackshear. Site has approximately  
125 fifty-five gallon drums of paint sludges, thinners and solvents.

Part 2: Other site information

DATE SITE FIRST

REPORTED: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ REPORTED BY: \_\_\_\_\_

REASON FOR LISTING: Approximately 125 fifty-five gallon drums are stored on-site.

Drums are in various stages of fill and some are leaking. Most drums have either a

"Hazardous Materials" or "Flammable" label on them. The owner of the drums is a

Mr. Ed Stephens, Cobb, GA 31735. There are two occupied residences within 200 feet

of the site; both are believed to be using wells.

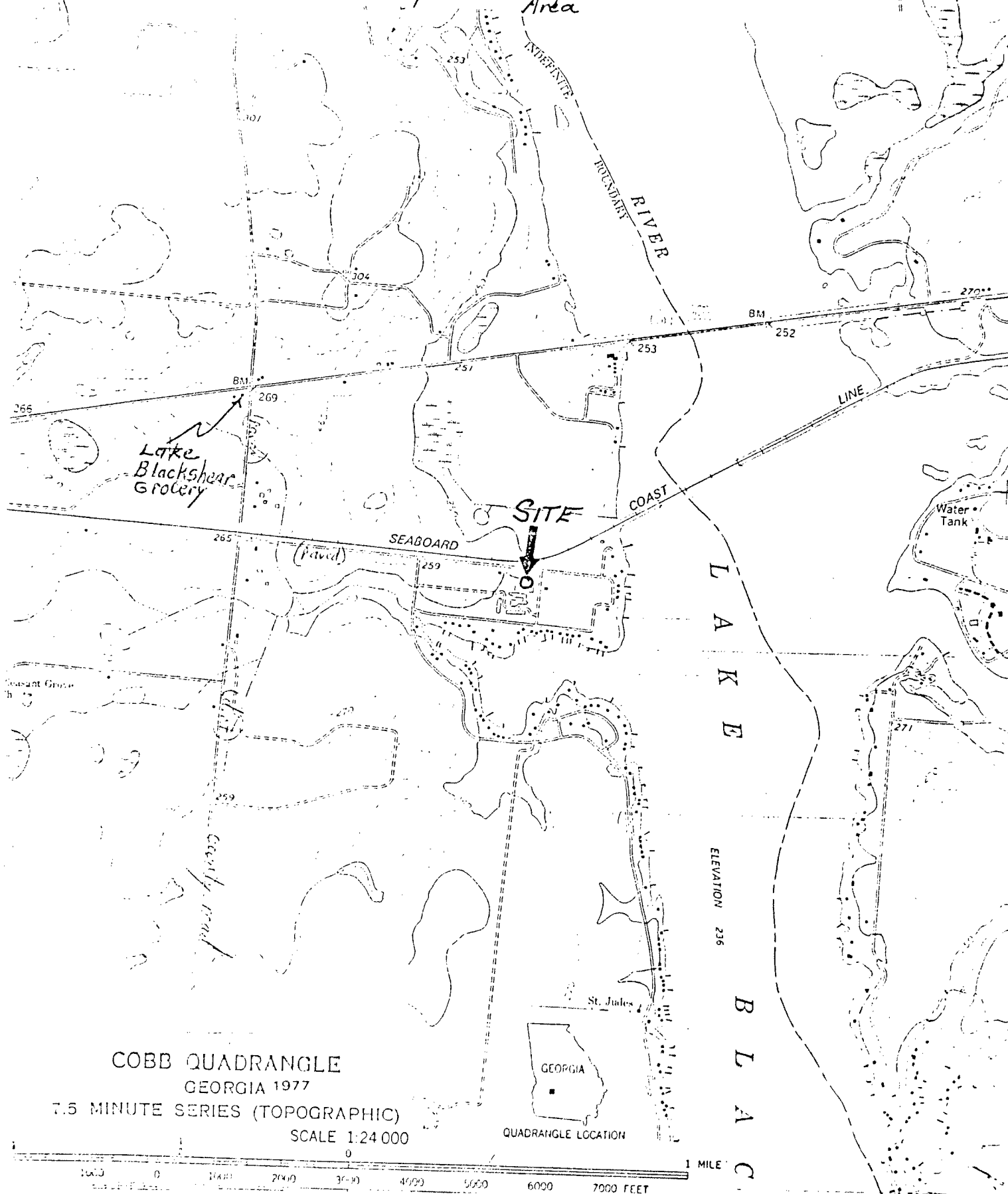
\* → The State is taking no commitment action at this site. Please  
contact the state before you investigate.  
10/10/86  
R. A. Ch...

check w/ state  
before visiting

Figure 1: Site Location Map -

Lat. 31 57'12.5"  
Long. 83 56'22.5"

*Stephens Drum Storage Area*



ENVIRONMENTAL PROTECTION DIVISION  
INDUSTRIAL & HAZARDOUS WASTE MANAGEMENT PROGRAM

Complaint Record

Received By MIKE ALLRED

Log Number \_\_\_\_\_

Date Received 1-24-86

Duty Officer R. METHIER <sup>REFERRED</sup>

Date Referred 1-24-86

Complainant: Name ROBERT HALE SW REG OFFICE - 341-4144  
BILL MCCLUG - WARDEN

Address JUMTER CO PRISON, AMERICUS

Phone No. 924-6066, 924-1826 Area Code 912

Alleged Source: Name UNKNOWN

Address \_\_\_\_\_

County \_\_\_\_\_

If Available: EPA I.D. No. \_\_\_\_\_ Seq. No. \_\_\_\_\_

Location Directions FROM AMERICUS GO EAST ON HWY 280 TO  
DINKINS STORE. TURN RIGHT SOUTH & GO 50-60 YDS.  
CROSS RR TRACKS; MAKE IMMED LEFT- GO STRAIGHT TO  
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GREENHOUSE.

Details of Complaint

100 DRUMS IN PECAN GROVE  
SOME LEAKING - NO IMMED THREAT/TARGETS  
NO WATER WELLS NEARBY & NO RESIDENCES  
DRUMS MAY CONTAIN PAINT THINNER/SLUDGE.  
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ROBERT HALE OF ALBANY REGION/EPD REFERRED  
COMPLAINT. REFERRED TO RAU BY R. METHIER,  
LANDOWNED BY ED STEVES - NO OTHER INFO AVAIL.

Details Of Investigation Should Be Sent To: \_\_\_\_\_

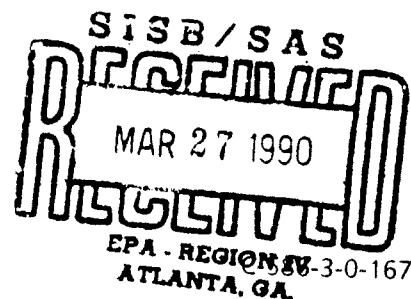
Complainant ☒ Other \_\_\_\_\_

File: Original & 1st copy to Investigating Unit  
2nd copy - Complaint Log





1927 LAKESIDE PARKWAY  
SUITE 614  
TUCKER, GEORGIA 30084  
404-938-7710



March 22, 1990

Mr. A. R. Hanke  
Site Investigation and Support Branch  
Waste Management Division  
Environmental Protection Agency  
345 Courtland Street, N. E.  
Atlanta, Georgia 30365

Date: 4-20-90  
Site Disposition: NFRAP  
EPA Project Manager: James P. Thomas

Subject: Screening Site Inspection, Phase I  
Stephens Drum Storage Area  
Cobb, Sumter County, Georgia  
EPA ID No. GAD981471709  
TDD No. F4-9001-99

Dear Mr. Hanke:

FIT 4 was tasked to conduct a Screening Site Inspection at Stephens Drum Storage Area located in Cobb, Sumter County, Georgia. Phase I of the inspection included a review of state and EPA file material, a target survey, and an offsite reconnaissance of the property and surrounding area.

Stephens Drum Storage Area is located on Georgia Highway 30 about 2 miles east of Cobb, Georgia, near Lake Blackshear (Ref. 1). The property, owned by Ed Stephens, is located in a rural, sparsely populated area. The storage area is on the western shore of Lake Blackshear surrounded by pecan groves and a scattering of lakeside residences (Refs. 1, 2).

Some time between 1983 and 1984, Mr. Stephens purchased approximately 125 55-gallon drums of paint wastes and thinners from Warner Robins Air Force Base in Warner Robins, Georgia. The drums were stored in the open in a pecan grove. He intended to use the contents to heat a greenhouse on the property (Ref. 2). Soil contamination may have occurred because some of the drums were reportedly leaking during an inspection by the Georgia Environmental Protection Division (EPD) on January 29, 1986 (Ref. 3).

Approximately eight drums of paint thinner and waste oil were burned in Mr. Stephens's greenhouse furnace. During the investigation by the Georgia EPD in January 1986, state officials identified a solvent odor present in the drum area. A composite sample from three drums was taken, and results indicated that hazardous materials were present (Refs. 2, 3).

Sample analysis revealed the presence of toluene, ethyl benzene, xylenes, methyl ethyl ketone, methyl isobutyl ketone, and butyl acetate (Ref. 3). The U.S. Environmental Protection Agency, Emergency Response Unit removed the drums on September 25 - 27, 1986. During the offsite reconnaissance in January 1990, no fencing or warning signs were observed around the storage area and due to the earlier cleanup, no drums were present or identified at the facility (Refs. 4, 5).

Mr. A.R. Hanke  
Environmental Protection Agency  
TDD No. F4-9001-99  
March 22, 1990 - page two

Mr. Stephens never requested and was never issued any type of permit for the storage area (Refs. 6, 7).

The Stephens Drum Storage Area is located in the Fall Line Hills District within the Coastal Plain Physiographic Province (Ref. 8, pp. 3, 4). This region consists of complexly interbedded sand, silt and clay layers, which dip toward the coast (Ref. 8, p. 4). The area is characterized by topography that is highly dissected by stream erosion (Ref. 8, p. 3). Sumter County has a temperate climate with mild winters and warm, humid summers (Ref. 8, p. 4). The total annual precipitation averages about 49 inches with a net annual precipitation of 5 inches (Refs. 8, p. 4; 9, pp. 43, 63). The 1-year, 24-hour rainfall is approximately 3.5 inches (Ref. 10, p. 93).

The geology of the Cobb area consists of a sequence of stratified sediments deposited upon an igneous and metamorphic bedrock. The units underlying the storage area, in descending order, are the Claiborne Group, the Wilcox Group, Oconee Group, Clayton formation and the upper Cretaceous sediments (Ref. 8, plate 1). Three aquifer systems are present in the storage area, and all of them are confined (Ref. 8, p. 8).

The Claiborne aquifer is the shallowest aquifer encountered in the area and is located at 150 feet below land surface (Ref. 8, p. 13). This aquifer is composed of sand, silt and clay sediments that are approximately 200 feet thick (Ref. 8, pp. 13, 15). The impermeable clays of the upper Lisbon Formation form a confining layer that separates the Claiborne aquifer from the surface and has a hydraulic conductivity of  $1.0 \times 10^{-7}$  cm/sec (Refs. 8, p. 8; 11).

Beneath the Claiborne aquifer is the Clayton aquifer, located 350 feet below land surface, which is composed primarily of limestone (Ref. 8, pp. 8, 9). The Clayton aquifer is confined above by the clay-rich layers in the upper Clayton Formation and Nanafalia Formation, and below by the silt and clay of the lower Clayton and upper Province Sand formations (Ref. 8, p. 8).

Below the Clayton aquifer is the Providence Sand aquifer in the Cretaceous aquifer system. Other aquifers exist in the system in deeper formations (Ref. 8, p. 8). The Providence Sand aquifer is located 500 feet below land surface and is a good source of groundwater (Ref. 8, p. 8).

Surface water drainage from the storage area is south toward Lake Blackshear. The drainage would flow overland approximately 800 feet before entering Lake Blackshear. Lake Blackshear continues south for approximately 5 miles before entering the Flint River. The Flint River continues further south for the remainder of the 15-mile migration pathway (Ref. 12). There are no permitted surface water intakes along the 15-mile migration pathway; however, recreational and commercial fishing as well as swimming and boating do occur along the route (Refs. 13, 14).

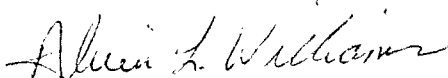
All residents within a 4-mile radius obtain water from private wells. The closest well is located approximately 200 feet west of the site. It is completed at a depth of 165 feet (Ref. 4). A house count from USGS topographic maps identified approximately 488 houses within a 3-mile radius using private wells as the source of drinking water (Ref. 12). Depths of other drinking water wells in the vicinity of the site range between 120 and 160 feet (Ref. 15).

Mr. A.R. Hanke  
Environmental Protection Agency  
TDD No. F4-9001-99  
March 22, 1990 - page three

Although the ranges of some endangered or threatened species include the state of Georgia, no critical habitats are designated in Sumter County (Ref. 16).

Because of the limited permeability of the confining layer between the surface and the aquifer of concern, and the lack of surface water targets, FIT 4 recommends that no further action be planned for Stephens Drum Storage Area. If you have any comments or questions about this Phase I SSI, please contact me at NUS Corporation.

Very truly yours,

  
Alvin L. Williams  
Project Manager

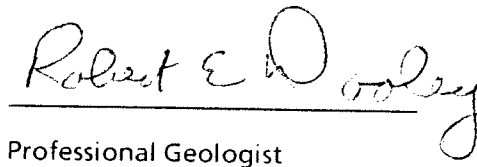
ALW/gwn

Enclosures

cc: Janice Thomas

Approved:



  
Professional Geologist

## REFERENCES

1. Potential Hazardous Waste Site Preliminary Assessment (EPA Form 2070-12) and attachments for Stephens Drum Storage Area. Filed by Gilda A. Knowles, Georgia Department of Natural Resources, Environmental Protection Division, October 17, 1986.
2. Report of Trip to Stephens Drum Storage Area on January 29, 1986; filed by Steve Walker, Georgia Department of Natural Resources, Remedial Action Unit, February 11, 1986.
3. Site Inspection Fact Sheet for Stephens Drum Storage Area on March 14, 1986; filed by Steve Walker, Georgia Environmental Protection Division.
4. Jim Ussery, Georgia Environmental Protection Division, telephone conversation with Gilda A. Knowles, Georgia Department of Natural Resources, October 17, 1986. Subject: Cleanup activities at Stephens Drum Storage Area.
5. NUS Corporation Field Logbook No. F4-1965 for Stephens Drum Storage Area, TDD No. F4-9001-99. Documentation of facility reconnaissance, January 24, 1990.
6. U.S. Environmental Protection Agency, Facility Index System (FINDS), Region IV, printout for Stephens Drum Storage Area, EPA ID No. GAD981471709, August 8, 1989.
7. Sue Matzuras, Georgia Environmental Protection Division, telephone conversation with Alvin Williams, NUS Corporation, February 13, 1990. Subject: Regulatory Status, Stephens Drum Storage Area.
8. Stephen S. McFadden and D. Dennis Perriello, HydroGeology of The Clayton and Claiborne Aquifers in Southwestern Georgia, Circular 55 (Georgia Geologic Survey, Atlanta 1983).
9. U.S. Department of Commerce, Climate Atlas of the United States (Washington, D.C.: GPO, June 1986). Reprint: 1983, National Oceanic and Atmospheric Administration, pp. 43, 63.
10. U.S. Department of Commerce, Rainfall Frequency Atlas of the United States, Technical Paper No. 40 (Washington, D.C.: GPO 1963), p. 93.
11. U.S. Environmental Protection Agency, Uncontrolled Hazardous Waste Site Ranking System: A Users Manual (HW-10), originally published in the July 16, 1982, Federal Register (Washington, D.C.: GPO 1984), p. 15.
12. U.S. Geological Survey, 7.5 minute series Topographic Quadrangle Maps of Georgia: Drayton 1972, Leslie 1973, Cobb 1977 (Photinspected 1983), Cordele 1974 (Photorevised 1987), scale 1:24,000.
13. Georgia Environmental Protection Division, Water Availability and Use Flint River Basin, (1984).
14. Ann Ushery, Georgia Department of Natural Resources-Game and Fish, telephone conversation with Alvin Williams, NUS Corporation, February 12, 1990. Subject: Activity at Lake Blackshear.
15. Mr. Peeples, Southeastern Drilling Company, telephone conversation with Alvin Williams, NUS Corporation, February 12, 1990. Subject: Private well depth in and around Cobb, Georgia.

16. U.S. Fish and Wildlife Service, Endangered and Threatened Species of the United States (Atlanta, Georgia, 1988), pp. 1, 2.

## RECONNAISSANCE CHECKLIST FOR HRS2 CONCERNS

Instructions: Obtain as much "up front" information as possible prior to conducting fieldwork. Complete the form in as much detail as you can, providing attachments as necessary. Cite the source for all information obtained.

Site Name: Stephen Drum Storage  
City, County, State: Cobb, Sumter County, Georgia  
EPA ID No.: GAD981471709  
Person responsible for form: Alvin L. Williams  
Date: 1-24-90

### Air Pathway

Describe any potential air emission sources onsite: Potentially contaminated surface soil.

Identify any sensitive environments within 4 miles: None

Identify the maximally exposed individual (nearest residence or regularly occupied building - workers do count): Several houses in vicinity of the facility.

### Groundwater Pathway

Identify any areas of karst terrain: None

Identify additional population due to consideration of wells completed in overlying aquifers to the AOC. None

Do significant targets exist between 3 and 4 miles from the site? The townships of Cobb and Conley, GA; Georgia Veteran's Memorial State Park.

Is the AOC a sole source aquifer according to Safe Drinking Water Act? (i.e. is the site located in Dade, Broward, Volusia, Putnam, or Flager County, Florida): No

### Surface Water Pathway

Are there intakes located on the extended 15-mile migration pathway? No

Are there recreational areas, sensitive environments, or human food chain targets (fisheries) along the extended pathway? Lake Blackshear is used for recreational and commercial fishing.

### Onsite Exposure Pathway

Is there waste or contaminated soil onsite at 2 feet below land surface or higher? unknown

Is the site accessible to non-employees (workers do not count)? The site is in an open pecan grove with no barriers.

Are there residences, schools, or day care centers onsite or in close proximity? There are several permanent houses in close proximity of the facility.

Are there barriers to travel (e.g., a river) within one mile? Lake Blackshear is approximately 800 feet.

HAZARD RANKING SYSTEM SCORING SUMMARY

FCR

STEPHEN'S DRUM STORAGE AREA  
EPA SITE NUMBER GAD981471709  
COBB  
SUMTER COUNTY, GA  
EPA REGION: 4

SCORE STATUS: IN PREPARATION

SCORED BY ALVIN WILLIAMS  
OF NUS CORPORATION  
ON 02/05/90

DATE OF THIS REPORT: 03/26/90  
DATE OF LAST MODIFICATION: 03/26/90

GROUND WATER ROUTE SCORE : 28.57  
SURFACE WATER ROUTE SCORE: 6.71  
AIR ROUTE SCORE : 0.00  
-----  
MIGRATION SCORE : 16.97

## HRS GROUND WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
2. ROUTE CHARACTERISTICS			
DEPTH TO WATER TABLE	150 FEET		
DEPTH TO BOTTOM OF WASTE	6 FEET		
DEPTH TO AQUIFER OF CONCERN	144 FEET	1	2
PRECIPITATION	49.0 INCHES		
EVAPORATION	44.0 INCHES		
NET PRECIPITATION	5.0 INCHES	2	2
PERMEABILITY	$1.0 \times 10^{-7}$ CM/SEC	0	0
PHYSICAL STATE		3	3
TOTAL ROUTE CHARACTERISTICS SCORE:			7
3. CONTAINMENT		3	3
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE: ASSIGNED VALUE, 18			18
WASTE QUANTITY CUBIC YDS	0		
DRUMS	125		
GALLONS	0		
TONS	0		
TOTAL	31 CU. YDS	2	2
TOTAL WASTE CHARACTERISTICS SCORE:			20
5. TARGETS			
GROUND WATER USE		3	9
DISTANCE TO NEAREST WELL	200 FEET		
AND	MATRIX VALUE	30	30
TOTAL POPULATION SERVED	1854 PERSONS		
NUMBER OF HOUSES	488		
NUMBER OF PERSONS	0		
NUMBER OF CONNECTIONS	0		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			39
GROUND WATER ROUTE SCORE (Sgw) = 28.57			



## HRS SURFACE WATER ROUTE SCORE

CATEGORY/FACTOR	RAW DATA	ASN. VALUE	SCORE
1. OBSERVED RELEASE	NO	0	0
2. ROUTE CHARACTERISTICS			
SITE LOCATED IN SURFACE WATER	NO		
SITE WITHIN CLOSED BASIN	NO		
FACILITY SLOPE	1.0 %		
INTERVENING SLOPE	1.0 %	0	0
24-HOUR RAINFALL	3.5 INCHES	3	3
DISTANCE TO DOWN-SLOPE WATER	800 FEET	3	6
PHYSICAL STATE	3		3
TOTAL ROUTE CHARACTERISTICS SCORE:			12
3. CONTAINMENT	3		3
4. WASTE CHARACTERISTICS			
TOXICITY/PERSISTENCE: ASSIGNED VALUE, 18			18
WASTE QUANTITY CUBIC YDS	0		
DRUMS	125		
GALLONS	0		
TONS	0		
TOTAL	31 CU. YDS	2	2
TOTAL WASTE CHARACTERISTICS SCORE:			20
5. TARGETS			
SURFACE WATER USE		2	6
DISTANCE TO SENSITIVE ENVIRONMENTS		0	0
COASTAL WETLANDS	NONE		
FRESH-WATER WETLANDS	NONE		
CRITICAL HABITAT	NONE		
DISTANCE TO STATIC WATER	800 FEET		
DISTANCE TO WATER SUPPLY INTAKE	> 1 MILE		
AND MATRIX VALUE		0	0
TOTAL POPULATION SERVED	0		
NUMBER OF HOUSES	0		
NUMBER OF PERSONS	0		
NUMBER OF CONNECTIONS	0		
NUMBER OF IRRIGATED ACRES	0		
TOTAL TARGETS SCORE:			6